Index of Claims



Application/Control No.

09/936,510 Examiner FURUTANI, SENICHI

Applicant(s)/Patent under

Art Unit

Reexamination

Dipakkumar Gandhi

2133

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

A Appeal

O Objected

| Cla         | Claim Date |                |          |  |  |  |              | Cla          | Date            |           |          |          |              |  |          |                 | С        | laim           |          | Date     |          |                |          |     |          |  |  |  |  |                         |          |              |
|-------------|------------|----------------|----------|--|--|--|--------------|--------------|-----------------|-----------|----------|----------|--------------|--|----------|-----------------|----------|----------------|----------|----------|----------|----------------|----------|-----|----------|--|--|--|--|-------------------------|----------|--------------|
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| Final       | Original   | 10             |          |  |  |  |              |              |                 |           | Final    | Original |              |  | ,        | - 1             | ł        | ļ              |          |          |          | Final          | Original |     |          |  |  | ı  |  |                         |          | ì            |
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|             | 1          | 1              | 1        | T  | <u> </u>   |  |              |              |                 | $\neg$    |          | 51       |              |  |          |                 |          | $\neg$         | $\neg$   |          |          | _              | 101      | 1   |          |  |  |  |  |                         |          |              |
| <b></b> -   | 2          | ň              | r        | <u> </u>   |  |  |              |              |                 | $\neg$    |          | 52       | _            |  |          | $\neg \uparrow$ | $\neg$   |                | $\neg$   |          |          |                | 102      |     | <b>—</b> |  |  |  |  | $\neg$                  | $\neg$   | _            |
|             | 3          | H              | ı        |  |  | _  | М            |              |                 | $\dashv$  |          | 53       | _            |  |          | $\neg$          | ヿ        | $\neg$         |          | $\neg$   | $\neg$   |                | 103      |     |          |  |  |  |  |                         |          |              |
|             | 4          | H              | T        |  |  | $\vdash$   | Н            |              |                 | $\exists$ |          | 54       |              | П  |          |                 |          | ┪              | $\neg$   |          |          |                | 104      |     |          |  |  |  |  | 一                       | $\neg$   |              |
| <del></del> | 5          | H              | H        |  |  | <u> </u>   | Н            |              | _               | $\neg$    |          | 55       | $\vdash$     |  |          |                 | $\dashv$ |                | _        |          | _        |                | 105      | Ť   |          |  |  |  |  | $\Box$                  | _        |              |
|             | 6          | H              | $\vdash$ | $\vdash$   |  |  |              |              | _               | _         |          | 56       |              |  |          | 一               | 一        |                |          | $\dashv$ | _        |                | 106      |     | H        |  | Ė  |  |  | $\Box$                  |          |              |
| _           | 7          | H              | $\vdash$ | $\vdash$   | ┢  | -  |              | H            |                 | _         |          | 57       | -            |  |          | _               | _        | $\dashv$       |          | 7        |          |                | 107      | 1   | T        |  |  |  |  | 一                       | 一        |              |
|             | 8          | H              | ┼╌       | -  |  | $\vdash$   |              |              |                 | _         | -        | 58       | -            |  |          | $\dashv$        | $\dashv$ | $\dashv$       |          | $\dashv$ | $\neg$   |                | 108      |     | $\vdash$ |  | _  | $\vdash$   | $\vdash$   | $\dashv$                | $\neg$   |              |
|             | 9          | ╫              | ╁╌       | -  | <del>                                     </del> |  |              |              |                 | _         |          | 59       | H            |  |          | $\dashv$        | _        | 1              | <b>-</b> | ┪        |          | <u> </u>       | 109      |     | $\vdash$ | -  | -  |  |  |                         |          |              |
| <b>—</b>    | 10         | ╫╴             | ╁╌       | <u> </u>   |  |  |              | Н            |                 |           |          | 60       | $\vdash$     |  |          | $\dashv$        | _        | _              | $\dashv$ | $\dashv$ | _        |                | 110      |     | t        | 1  |  |  | _  | $\neg$                  |          |              |
| <del></del> | 11         | 1              | t        |  |  | $\vdash$   | -            | <u> </u>     | $\dashv$        | $\dashv$  |          | 61       | $\vdash$     | H  | -        |                 |          | -              |          |          |          |                | 111      |     | T        | П  | Т  | Н  | H  | $\dashv$                | $\dashv$ |              |
|             | 12         |                | $\vdash$ | <del>  -</del>                                   | -  | ╁┈   | $\vdash$     | H            | $\dashv$        | $\dashv$  | <b>—</b> | 62       |              |  |          | _               | $\dashv$ | 寸              | $\dashv$ | $\dashv$ | $\dashv$ |                | 112      |     | †-       | <del>                                     </del> |  | Н  |  | $\sqcap$                | $\dashv$ |              |
| -           | 13         | #              | 1        | $\vdash$   | <del>                                     </del> | <del> </del>                                     |              |              | $\dashv$        | $\dashv$  | $\vdash$ | 63       | _            | $\vdash$   | $\dashv$ | -               | $\dashv$ | _              | $\dashv$ | $\dashv$ | $\dashv$ | -              | 113      |     | $t^{-}$  |  |  | Н  | $\vdash$   | $\dashv$                | $\dashv$ |              |
| -           | 14         | ╟              |          | $\vdash$   | $\vdash$   | <del> </del>                                     | $\vdash$     |              | $\dashv$        | $\dashv$  | $\vdash$ | 64       | -            | -  | $\vdash$ |                 | $\dashv$ |                | 一        | 1        | $\dashv$ |                | 114      |     | 1        | ┢  | -  | $\vdash$   |  | 一                       | $\dashv$ |              |
|             | 15         | 1              | +        | $\vdash$   |  | -  | $\vdash$     |              | $\vdash$        | $\dashv$  |          | 65       | -            | $\vdash$   | H        | $\dashv$        | $\dashv$ |                | $\dashv$ | -        | $\dashv$ | -              | 115      |     | $\vdash$ | Н  | _  | -  |  | $\vdash$                |          |              |
| $\vdash$    | 16         | A              | 1        | $\vdash$   |  | <del>  -  </del>                                 | $\vdash$     | H            | $\vdash$        | $\dashv$  | <u> </u> | 66       | 1-           | $\vdash$   | $\vdash$ |                 |          | <del>- l</del> | -1       | 一        | $\dashv$ |                | 116      | +   | t        | H  | ┢  | H  | -  | $\neg \neg$             | _        | r            |
| <b> </b>    | 17         | ۱              | ╁        | $\vdash$   | -  | -  |              | H            | $\vdash$        | $\dashv$  |          | 67       | 1            | H  | H        |                 |          | H              | $\dashv$ | _        | $\dashv$ | -              | 117      |     | $\vdash$ | Т  | $\vdash$   | $\vdash$   | -  | П                       | $\neg$   |              |
|             | 18         | $\blacksquare$ | $\vdash$ | <del>                                     </del> | ⊢  | ╁  | ┢            | Н            | $\dashv$        |           | -        | 68       | -            | Н  | Н        |                 | $\dashv$ | 一              | $\dashv$ | $\dashv$ | $\dashv$ |                | 118      |     | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | _  | Н                       |          | <u> </u>     |
|             | 19         | 1              | +-       | ┢  | ├─   | -  |              | $\vdash$     | $\dashv$        | $\dashv$  | -        | 69       | -            |  | $\vdash$ | $\dashv$        |          | $\dashv$       | $\dashv$ | -        |          |                | 119      | +   | ╁        | -  |  |  |  | $\vdash$                | $\dashv$ | $\vdash$     |
|             | 20         | ╟              | ┼        | -  | ⊢  | <del>                                     </del> | $\vdash$     | -            | -               |           | -        | 70       |              |  |          |                 | $\dashv$ | $\dashv$       |          |          | -        |                | 120      | +   | +        | ╁  | $\vdash$   |  |  | $\vdash$                | $\dashv$ | $\vdash$     |
| -           |            | -              | +        | ┢  | ┢  | ┢┈   |              | -            | $\dashv$        | $\dashv$  | -        | 71       | -            | -  |          |                 |          | $\dashv$       | $\dashv$ |          |          |                | 121      | ┪-  | ╁╌       | ┢╾   | ┝  | <del> </del>                                     | -  | $\vdash$                | $\dashv$ | $\vdash$     |
| -           | 21         |                | $\vdash$ | ┢  | ┢  | ├─   | -            | $\vdash$     | $\dashv$        | $\dashv$  | -        | 72       | ├            | H  | Н        | -               | $\vdash$ | $\dashv$       | -        |          |          |                | 122      | +   | +        | $\vdash$   | $\vdash$   |  |  | $\vdash$                | $\vdash$ |              |
|             | 22         | 1              | ╀        | ├-   |  | ┞  |              |              | H               |           | -        | 73       |              | $\vdash$   | Н        | $\vdash$        | $\dashv$ | $\dashv$       | $\dashv$ |          |          |                | 123      |     | $\vdash$ | $\vdash$   | $\vdash$   |  |  | $\vdash \vdash$         | $\dashv$ |              |
| $\vdash$    | 24         | ╟              | $\vdash$ | ┢  |  | ⊢  | -            |              | -               | $\dashv$  | -        | 74       | -            | $\vdash$   | $\vdash$ | -               |          |                |          |          |          | -              | 124      | +   | ╁        | <del> </del>                                     | -  | H  |  | $\vdash$                |          |              |
| <del></del> | 25         | ╫              | $\vdash$ | ╁  | ├─   | ╁  | H            |              | Н               |           | -        | 75       | -            | -  | Н        | $\dashv$        | $\dashv$ | ┥              | $\dashv$ |          |          |                | 125      | +-  | ┼─       |  |  | -  |  |                         |          |              |
|             | 26         | H              | -        | <del>  _</del>                                   | -  | ┢  |              |              | $\vdash$        |           |          | 76       | ┢╌           | $\vdash$   | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ |          |                | 126      | +-  | ┼        | ╁  | -  | ├  | -  | $\vdash$                |          |              |
|             | 27         | ℍ              | -        | ├-   | ⊢  |  |              |              | $\vdash$        | $\dashv$  | ļ        | 77       | ┢            | $\vdash$   | Н        |                 | $\dashv$ | $\dashv$       | -        |          | -        |                | 127      | +-  | ╁─       |  | ├-   | -  | _  | $\vdash$                | _        | $\vdash$     |
| -           | 28         | ╂              | ╁        | -  |  | ┢  |              |              | -               | -         | -        | 78       | $\vdash$     | $\vdash$   | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | -        |                | 128      |     | ╁╾       | ├  |  | -  |  | $\vdash$                | _        | $\vdash$     |
|             |            | ╂              | +-       | ⊢  | ┢  | ⊢  |              |              |                 | $\dashv$  | -        | 79       |              | $\vdash$   | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$       | $\dashv$ | -        |          |                | 129      |     | ╁╌       | ├  |  | -  |  | H                       | -        |              |
| -           | 29<br>30   | ₩,             | <u> </u> | ⊢  | ┢  | $\vdash$   | $\vdash$     |              | -               | -         | -        | 80       |              |  | $\vdash$ |                 | $\dashv$ | -              |          | -        |          |                | 130      | - - | ╁        | ┼─   |  | -  | -  | $\vdash$                |          | ┢┈           |
| -           | 31         | V              | ╁        | ┢  |  | -  | -            | -            | $\vdash$        |           |          | 81       |              | H  | Н        |                 |          | $\dashv$       |          |          |          |                | 131      |     | ┼-       | ├  |  | -  |  | $\vdash$                |          | <u> </u>     |
|             | 32         | -              | ╁        | -  | -  | -  | ├            | -            | Н               | $\dashv$  | -        | 82       |              | H  | Н        | $\dashv$        | $\dashv$ |                |          |          | -        |                | 132      |     | +        | ├  | -  | -  |  | $\vdash\vdash$          |          | -            |
| $\vdash$    | 33         | -              | ┼─       | ┼─   |  | $\vdash$   | Н            | $\vdash$     | $\vdash$        | $\dashv$  | -        | 83       | <del> </del> | -  | $\vdash$ | $\dashv$        | $\vdash$ | $\dashv$       | -        | -        | $\dashv$ | -              | 132      |     | +        | $\vdash$   |  | $\vdash$   | H  | $\vdash \vdash$         |          |              |
| <u> </u>    | 34         | $\vdash$       | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$     | -            |                 | $\dashv$  | -        | 84       | $\vdash$     | H  | Н        | $\vdash$        |          | $\dashv$       |          |          | $\dashv$ |                | 134      |     | +        | $\vdash$   |  | $\vdash$   | $\vdash$   | $\vdash$                |          | $\vdash$     |
|             | 35         | $\vdash$       | $\vdash$ | ┼  | <del>  -</del>                                   | -  | ⊢            | $\vdash$     | $\vdash$        | $\dashv$  | $\vdash$ | 85       | $\vdash$     | $\vdash$   | $\vdash$ | $\dashv$        |          |                |          |          |          |                | 135      | +   | +        | -  | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash \vdash$         |          | $\vdash$     |
| <u> </u>    | 36         | -              | $\vdash$ | +-   | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$     | -               |           | -        | 86       | -            | -  |          |                 | $\vdash$ | $\dashv$       | -        |          | $\dashv$ |                | 136      |     | +        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash \vdash$         | _        | $\vdash$     |
|             | 37         | $\vdash$       | $\vdash$ | Η.   | -  | -  |              |              |                 | $\dashv$  | -        | 87       | $\vdash$     |  | $\vdash$ | $\vdash$        |          | $\dashv$       | $\dashv$ |          | $\dashv$ | -              | 137      |     | +        | ├  | <del> </del>                                     | <del>                                     </del> | -  | ┝━┤                     | _        | <del> </del> |
| -           |            | -              | ┰        | <del>                                     </del> | ├  | <u> </u>   | $\vdash$     | $\vdash$     | $\dashv$        | $\dashv$  | -        | 88       | -            | $\vdash$   | -        |                 | $\dashv$ |                | $\dashv$ | -        |          |                | 138      | +   | +        | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash\vdash$          |          | $\vdash$     |
|             | 38         | ⊢              | -        | -  | $\vdash$   | H  | $\vdash$     | $\vdash$     | $\dashv$        |           |          | 89       |              |  | $\vdash$ |                 |          | $\dashv$       | $\dashv$ |          | $\dashv$ | -              | 139      | ╁   | +        | $\vdash$   | -  | $\vdash$   | -  | $\vdash\vdash$          | _        | -            |
| -           | 40         | ⊢              | ╁        | -  | $\vdash$   | <del> </del>                                     | $\vdash$     | -            |                 | $\dashv$  | -        | 90       | -            | $\vdash$   | Н        | -               | $\dashv$ | $\dashv$       | -        |          | $\dashv$ | _              | 140      | +   | -        | <del> </del>                                     | <del>                                     </del> |  | $\vdash$   | $\mid - \mid$           |          | -            |
|             |            | H              | $\vdash$ | $\vdash$   | -  | <del> </del>                                     |              | <del> </del> | <del></del>     |           |          |          |              |  | $\vdash$ | $\dashv$        | $\vdash$ | $\dashv$       | -        |          |          | -              |          |     | ╫        | ╁  | ├  | <del>  -  </del>                                 | -  | $\mid \rightarrow \mid$ |          | -            |
| <u> </u>    | 41         | $\vdash$       | $\vdash$ | $\vdash$   | <del> </del>                                     | ├—   | <del> </del> |              | $\mid - \mid$   |           | -        | 91       | $\vdash$     | $\vdash$   | Н        | $\vdash$        |          |                | -        |          |          | -              | 141      | +   | +-       | -  |  | <del>  -</del>                                   | <b>-</b>   | $\vdash \vdash$         | -        | ├-           |
|             | 42         |                | -        | <del> </del>                                     | <del>  -</del>                                   | ┝  | -            | -            | $\vdash$        | $\dashv$  | -        | 92<br>93 | $\vdash$     |  | $\vdash$ | -               |          | $\dashv$       |          |          | $\dashv$ | -              | 142      | +   | +        | $\vdash$   | $\vdash$   |  |  | $\vdash\vdash$          | $\vdash$ | $\vdash$     |
|             | 43         | ┝              | ⊬        | ├  | -  | ├-   | $\vdash$     | $\vdash$     | $\vdash \vdash$ | $\dashv$  | <u> </u> |          |              | <del>  -  </del>                                 | -        |                 |          |                | $\dashv$ |          | $\dashv$ |                |          |     | ┼        | $\vdash$   |  |  |  | $\vdash\vdash$          |          | $\vdash$     |
|             | 44         | -              | ┼        | -  | $\vdash$   |  |              |              | $\vdash$        |           | -        | 94       |              | <del>                                     </del> |          | $\dashv$        |          | $\dashv$       | -        |          |          |                | 144      | +   | ┼        | -  | -  | _  |  | $\vdash$                | _        | $\vdash$     |
| <u> </u>    | 45         | $\vdash$       | ╀        | $\vdash$   | $\vdash$   | -  |              | $\vdash$     |                 | $\dashv$  | -        | 95       | ├-           | -  | $\vdash$ | $\dashv$        | $\vdash$ | -              | -        |          | $\dashv$ | -              | 145      | -   | +        | -  | ├—   | <del> </del>                                     | <del> </del>                                     | $\vdash$                | _        | <u> </u>     |
| <u> </u>    | 46.        | -              | -        | <del> </del>                                     | <del>  -</del>                                   | <del>                                     </del> | -            |              | $\vdash$        |           | -        | 96       | $\vdash$     | μ.   |          |                 | -        |                | _        |          | -1-      | .              | 146      |     | ┼-       | 1  | -  | -  | -  | $\mid - \mid \mid$      | -        | ⊢            |
| <u> </u>    | 47         | -              |          | ├-   | ├-   | -  | -            | -            | $\vdash \vdash$ | -         | -        | 97       | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$        |          | $\dashv$       |          |          | $\dashv$ | -              | 147      | 1   | 1        | <u> </u>   | -  |  |  | $\vdash$                |          | -            |
| <u> </u>    | 48         | $\vdash$       | $\vdash$ | $\vdash$   | ├-   | ├  | $\vdash$     | ļ            | $\vdash$        |           |          | 98       | <del> </del> |  | Н        | -               | $\vdash$ |                |          |          | $\dashv$ | -              | 148      |     | $\vdash$ | ├  | -  | <u> </u>   |  | $\vdash \vdash$         | $\vdash$ | <u> </u>     |
| -           | 49         | ⊢              | ⊢        | ├-   | <del>  -</del>                                   | ├-   | $\vdash$     | <b>—</b>     | $\vdash$        | _         | -        | 99       | _            | $\vdash$   | $\vdash$ |                 |          |                |          |          |          | -              | 149      | +-  | ┼        |  | -  | <del> </del>                                     | <del>                                     </del> | $\mid - \mid$           |          | <u> </u>     |
| <u> </u>    | 50         | <u> </u>       | 1        |  | L  | <u> </u>   | <u> </u>     | <u> </u>     |                 |           | L        | 100      | L_           | L  | لـــا    |                 |          |                |          |          |          | L              | 150      | ' I | I        | ]  |  | <u> </u>   |  | ш                       |          | Ц.           |